

**WHAT IS CLAIMED IS:**

1. An electronic camera, comprising:

an imaging unit for converting an optical image to  
image information;

5 a storing unit for storing information on a frame  
image for printing; and

an imaging condition modification unit for  
modifying imaging conditions in said imaging unit on the  
basis of the information on the frame image stored in said  
10 storing unit.

2. The electronic camera according to claim 1,  
wherein the modification of the imaging conditions includes  
at least one of modifications of a photometric condition  
setting, a photometric area setting, a setting of adjusted  
15 exposure amount, a camera sensitivity setting, an exposure  
condition setting, a change of whether to emit a flash  
light, a ranging area setting, a focus detection frequency  
setting, a change of whether to use an image stabilizer, a  
scene mode setting, a field angle setting, and an image  
magnification setting.

20 3. The electronic camera according to claim 1,  
wherein said storing unit stores information of a plurality  
of frame images and has a selection unit for selecting the  
information on the plurality of frame images prior to the  
imaging.

25 4. The electronic camera according to claim 3,  
wherein said storing unit stores the selected information

on the frame image in association with the image information obtained by said imaging unit.

5. The electronic camera according to claim 1, further comprising a display for displaying the information on the frame images.

6. An electronic camera, comprising:

an imaging unit for converting an optical image to image information;

10 a storing unit for storing information on a frame image for printing;

an image processor for performing image processing of image information; and

15 processing condition modification unit for modifying processing conditions of the image information obtained by the imaging unit on the basis of the information on the frame image stored in said storing unit.

7. The electronic camera according to claim 6, wherein the modification of the processing conditions includes at least one of modifications of a setting of an 20 adjusted exposure amount, a post photometric area setting, a post auto white balance area setting, a post colorimetric area setting, a gray level correction condition setting, an edge enhancement condition setting, and a data compression ratio setting.

25 8. The electronic camera according to claim 6, wherein said storing unit stores information on a plurality of frame images and has a selecting unit for a selecting

the information on the plurality of frame images before the imaging.

9. The electronic camera according to claim 6,  
wherein said storing unit stores the selected information  
5 on the frame image in association with the image  
information obtained by said imaging unit.

10. The electronic camera according to claim 6,  
further comprising a display for displaying the information  
on the plurality of frame images.